

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-6 (Canceled)

Claim 7 (Withdrawn/Previously Amended) An isolated DNA molecule that comprises an isolated DNA sequence encoding SEQ ID NO: 2 which is labeled with a detectable moiety.

Claims 8-9 (Canceled)

Claim 10 (Currently Amended) A method for determining the fungal multiple drug resistance (MDR) MDR inhibition activity of a compound which comprises:

a) placing a culture of fungal cells, transformed with a vector ~~capable of expressing atrD~~ which expresses a nucleic acid encoding an atrD protein consisting essentially of the amino acid sequence of SEQ ID NO:2, in the presence of:

(i) an antifungal agent to which said fungal cell is resistant, but to which said fungal cell is sensitive in its untransformed state;

(ii) a compound suspected of possessing *Aspergillus nidulans* MDR inhibition activity; and

b) determining the fungal MDR inhibition activity of said compound by measuring the ability of the antifungal agent to inhibit the growth of said fungal cell.

Claim 11 (Original) A method of Claim 10 wherein the fungal cell is *Saccharomyces cerevisiae*.

Claim 12 (Withdrawn) The protein of SEQ ID No. 2 in purified form.

Claim 13 (Withdrawn) A strain of *A. nidulans* wherein said strain carries a gene disruption or gene replacement at the atrD locus such that said strain does not produce the atrD protein product.

Claim 14 (withdrawn) A method for identifying an antifungal compound comprising the steps of:

- a) culturing in the presence of a test compound a strain of claim 13;
- b) culturing said strain in the absence of said test compound; and
- c) comparing the growth of said strain in step (a) with the growth in step (b).

Claim 15 (new) The method of claim 10 wherein the culture of fungal cells is transformed with a vector which expresses a nucleic acid encoding an atrD protein of the amino acid sequence of SEQ ID NO:2.